Index 1981

Subject

Academic world, 192
Accidents, chemical, 268(NR)
Acetone, 528
Adhesives, 232
AEB A-level change, 106(L)
Agglutination, 63
Agro-ecosystem, 434
Air pollution, 477
Air quality, 480
A-level core developments, 553(TP)
Alcohol, powdered, 156(P)
Alkali Act, 477
Allergy, wood, 276(L)
Amax, 503(NR)
American Chemical Society, 456(TP)
Amersham International 212(NR), 360(NR)
Analgesics, 266(P)
Analysis, 218(L), 339(CR), 342(B), 346(B)
Analysis, industrial, 399(NR)
Analytical chemistry, 28, 164(L)
Analytical methods, 62
Analytical research, 122
Animal experiments, 209(TP)
Antibiotics, 250(B), 318(P)
Antibodies, monoclonal, 62
Anti-cancer drug, 457(P), 582(B)
Antigens, 62
Antiquities, conserving, 58
Arco Chemical, 554(NR)
Aromatic compounds, biosynthesis, 196(B)
Atomic spectroscopy, 344(B)
Auger electron spectroscopy, 514, 520

Bacteria, monitoring growth, 97(P)
Balance collection, 107(L)
BASEEFA, 274(L)
Batteries, 211(P), 368(L)
BDH Chemicals, 399(NR)
Benzotriazole, use in conservation, 59
Beta-lactam, 157(P), 250(B), 318(P), 492(B)
Bimetallic catalysts, 538
Biochemistry, 540(B)
Biological molecules, 580(B)
Biomass, 2(TP)
Biosynthesis, 196(B)
Biotechnology, 159(NR), 262(TP), 268(NR)
BOC Priestley Conference, 580(B)
Book credits, 508(L)
Breathalysers, 502(P)
British Association for the Advancement of Science, 454(TP)
British National Formulary, 158(NR)
Brønsted acids, 553
Bronze disease, 59
Brownian motion, 116

Key
B— Book review
CR— Conference report
L— Letter
NR— News review
O— Obituary
P— Perspective
TP— Talking point

Bulk materials sampling, 441(B)
Bürgenstock stereochemistry, 78(CR)
Burnett, George, 436(O)

CAMPUS, 398(NR)
Carbon monoxide, 512
Carcinogenesis, 384(B)
Carcinogenic chemicals, 582(B)
Carcinogen screening, molecular and cellular aspects, 80(B)
Careers, 290, 395(TP), 472
Catalysis in organic synthesis, 33(B)
Catalysis, phase transfer, 140(B)
Catalytic converter, 48(NR)
Catalytic reforming, 536
Cattle diseases, 397(P)
Chemelec cells, 96(P)
Chemical Abstracts, 12(L)
Chemical education, 130, 290, 456(TP), 472, 553(TP)
Chemical industry, 94(TP), 236, 336, 356(TP), 472, 574
Chemical industry, jobs, 290
Chemical Industries Association, 158, (NR)
Chemical kinetics, 33(B)
Chemical texts, translation of, 566
Chemical warfare, 106(L), 220(L), 368(L).
Chemiosmosis, 14, 165(L)
Chemisorption, 32(B), 342(B), 511, 521
Chemists' pay, 154(TP)
Chini, Paolo, 30(O)
Chlorides, of lead–copper, 421
Chlorine toxicity, 154(TP)
Chloroplasts, immobilised, 97(P)
Chrome wastes, 156(P)
Ciba–Geigy, history, 32(B)
Clean Air Act, 477
Coal, 196(B)
Coal liquefaction, 200(B)
Coal–oil dispersions, 266(P)
Coat of Arms, RSC, 551
Colloids, 377
Colour changes, 326(L)
Complexing, metal ions, 339(CR)
Computers, in chemistry, 486(B)
Computers in education, 338(CR)
Conductivity in liquids, 344(B)
Congress, annual, Guildford, 208(TP), 338(CR)
Conservation, antiquities, 58
Copper, 344(B), 369, 420
Copper sulphate, 422
Corrosion monitoring, 108
Cosmetics, 555(NR)
Coulometry, 125
Crop production, 432
Crosslinking, 228
Crystal growing, 222, 302(B)
Crystallography, 222, 326(L), 464(L)
Crystallography, computing, 344(B)

Dark field imaging, 516
Davy, Humphry, 14
Dental fillings, 232
Di-iodoacetylene, 107(L), 404(L)
Diamond Shamrock, 561
Disease, chemical diagnosis, 140(B)
DNA, 560(L)
Donor ligands, 330
Dow Chemical Company, 562
Drugs, 346(B), 384(B), 560(L)
Drug synthesis, 196(B)
Du Pont, 458(NR), 562
Dynamics of polymers, 70

Earl, John Campbell, 30(O)
Economic Development Council, 212(NR)
Education, 209(TP), 250(B), 338(CR), 501(TP)
Education, chemical, 130, 290, 456(TP), 472(TP), 553(TP)
Education, higher, 455(TP)
EEC directives, 213(NR), 402(NR)
Einstein, Albert, 114
Electrical resistance, measurement of corrosion, 110
Electricity, 239
Electrochemistry, 14, 211(P), 242(B), 259(B)
Electrodes, ion-selective, 304(B)
Electrolytes, 340(CR)
Electron diffraction, 516
Electron microscopy, 514
Electro-organic synthesis, 582(B)
Electron paramagnetic resonance, 513
Electrophoresis, 248(B)
Electron spin resonance, 344(B)
Electrostatic powder coating, 24
Emission standards, 478
Energy, 98(NR), 315(TP), 336, 340(CR)
Entropy, 168, 274(L), 406(L)
Environment, 196(B), 197(B), 302(B), 432, 574
Environmental chemistry, 342(B)
Environmental organisations, 574
Enzymes, 60, 304(B), 490(B)
Enzyme reactions, kinetics, 140(B)
Epoxy resins, 232
Evans, Wick Richardson, 31(O)
Excited states, 33(B)
Experimentation, chemical in extreme conditions, 140(B)
Explosions, thermal, 274(L)
Extended electron loss fine structure, 520
Extended x-ray absorption fine structure, 538
Eye proteins, 211(P)

Factory inspectorate, 186
Fast reactor, 467, 503(NR)
Fermentation, 94(TP), 304(B)
Fertiliser, 372
Filter paper contaminant, 57(L)
Fluidised bed systems, 26
Fluorescent spectroscopy, 278
Fluorine compounds, 33(B)
Food additives, 486(B)
Food chemistry, 346(B)
Food science, 384(B)
Foreman, James Kenneth, 579(O)
Forensic toxicology, 384(B)
Fossil proteins, 359(P)
Free radicals in biology, 82(B)
Frozen pensions, 334
Fume cupboards, 190, 196(B)
Furniture, 269(NR)

Gallium arsenide, 410
Gamma-crystallin, 211(P)
Gamma scanning, 126
Gas chemistry in nuclear reactors, 78(CR)
Gas-phase reactions, 490(B)
Gene synthesis, 341(CR)
Genetic engineering, 267(P)
Genklene solvent plants, 410
Geochemistry, 269(NR), 420
Giant Raman effect, 521
Godless chemistry, 57(L)
Growth, plants, 319(P)
Guildford, annual congress, 208(TP), 338(CR)

Hafod works, 371
Hamer, Frances Mary, 31(O)
Haptens, 62
Hazardous substances, early warning, 158(NR)
Hazardous wastes, 500(TP)
Health and Safety at Work Act, 186
Health and Safety Executive, 272(NR), 477
Helium induced spectra, 512
Herpes cure, 396(P)
Heterocycles, inorganic, 330
Heterocyclic chemistry, 140(B), 486(B)
Heterogeneous catalysis, 384(B), 514
High resolution electron microscopy, 516
Hoffman–La Roche, 213(NR)
Hydrogen as a fuel, 342(B)
Hydrogen sulphide, 513

ICI, 458(NR)
Image of chemistry, 341(CR)
Immunoassay, 62
Industrial organic chemicals, 34(B), 344(B)
Inelastic electron tunnelling spectroscopy, 521
Inelastic neutron scattering, 511, 524
Inorganic biochemistry, 540(B)
Inorganic chemistry, 490(B)
Inorganic heterocycles, 330
Inositol phosphates, 36(B)
Insurance, 314(TP)
Irradiation, 228
Ischaemia, 374
Isotopes, 250(B), 555(NR)
IUPAC, 394(TP)

Jablonski diagram, 278
Jargon 152 (TP), 320(L)
Jobs, 290, 276(L), 334, 357(TP), 404(L)
Johnson Matthey, 48(NR), 504(NR)

Keshan disease, 96(P)
Kidney beans, 359(P)
Kinetics, fast reactions, 296
Kinetic theory of gases, 114
Kukk, Jüri, 484(O)

Laboratory safety, 186
Language of chemistry, 36(B)
Lankro chemicals, 562
Lanthanides, 339(CR)
Lead, 3(TP), 420
Lewis acid–base concepts, 36(B), 533
Ligand conduction, 16
Ligands, 330
Liquefaction, coal, 320(NR)
Liquid crystals, 196(B), 318(P)
Loss prevention in the process industries, 82(B)
Low energy electron diffraction, 516, 538
Luminescence, 279

MacRobert Award, 48(NR)
Macromolecular chemistry, 250(B)
Magnetism, electronic structure inorganic compounds, 302(B)

Index 1981

Subject

Academic world, 192
Accidents, chemical, 268(NR)
Acetone, 528
Adhesives, 232
AEB A-level change, 106(L)
Agglutination, 63
Agro-ecosystem, 434
Air pollution, 477
Air quality, 480
A-level core developments, 553(TP)
Alcohol, powdered, 156(P)
Alkali Act, 477
Allergy, wood, 276(L)
Amax, 503(NR)
American Chemical Society, 456(TP)
Amersham International 212(NR), 360(NR)
Analgesics, 266(P)
Analysis, 218(L), 339(CR), 342(B), 346(B)
Analysis, industrial, 399(NR)
Analytical chemistry, 28, 164(L)
Analytical methods, 62
Analytical research, 122
Animal experiments, 209(TP)
Antibiotics, 250(B), 318(P)
Antibodies, monoclonal, 62
Anti-cancer drug, 457(P), 582(B)
Antigens, 62
Antiquities, conserving, 58
Arco Chemical, 554(NR)
Aromatic compounds, biosynthesis, 196(B)
Atomic spectroscopy, 344(B)
Auger electron spectroscopy, 514, 520

Bacteria, monitoring growth, 97(P)
Balance collection, 107(L)
BASEEFA, 274(L)
Batteries, 211(P), 368(L)
BDH Chemicals, 399(NR)
Benzotriazole, use in conservation, 59
Beta-lactam, 157(P), 250(B), 318(P), 492(B)
Bimetallic catalysts, 538
Biochemistry, 540(B)
Biological molecules, 580(B)
Biomass, 2(TP)
Biosynthesis, 196(B)
Biotechnology, 159(NR), 262(TP), 268(NR)
BOC Priestley Conference, 580(B)
Book credits, 508(L)
Breathalysers, 502(P)
British Association for the Advancement of Science, 454(TP)
British National Formulary, 158(NR)
Brønsted acids, 553
Bronze disease, 59
Brownian motion, 116

Key
B— Book review
CR— Conference report
L— Letter
NR— News review
O— Obituary
P— Perspective
TP— Talking point

Bulk materials sampling, 441(B)
Bürgenstock stereochemistry, 78(CR)
Burnett, George, 436(O)

CAMPUS, 398(NR)
Carbon monoxide, 512
Carcinogenesis, 384(B)
Carcinogenic chemicals, 582(B)
Carcinogen screening, molecular and cellular aspects, 80(B)
Careers, 290, 395(TP), 472
Catalysis in organic synthesis, 33(B)
Catalysis, phase transfer, 140(B)
Catalytic converter, 48(NR)
Catalytic reforming, 536
Cattle diseases, 397(P)
Chemelec cells, 96(P)
Chemical Abstracts, 12(L)
Chemical education, 130, 290, 456(TP), 472, 553(TP)
Chemical industry, 94(TP), 236, 336, 356(TP), 472, 574
Chemical industry, jobs, 290
Chemical Industries Association, 158, (NR)
Chemical kinetics, 33(B)
Chemical texts, translation of, 566
Chemical warfare, 106(L), 220(L), 368(L).
Chemiosmosis, 14, 165(L)
Chemisorption, 32(B), 342(B), 511, 521
Chemists' pay, 154(TP)
Chini, Paolo, 30(O)
Chlorides, of lead–copper, 421
Chlorine toxicity, 154(TP)
Chloroplasts, immobilised, 97(P)
Chrome wastes, 156(P)
Ciba–Geigy, history, 32(B)
Clean Air Act, 477
Coal, 196(B)
Coal liquefaction, 200(B)
Coal–oil dispersions, 266(P)
Coat of Arms, RSC, 551
Colloids, 377
Colour changes, 326(L)
Complexing, metal ions, 339(CR)
Computers, in chemistry, 486(B)
Computers in education, 338(CR)
Conductivity in liquids, 344(B)
Congress, annual, Guildford, 208(TP), 338(CR)
Conservation, antiquities, 58
Copper, 344(B), 369, 420
Copper sulphate, 422
Corrosion monitoring, 108
Cosmetics, 555(NR)
Coulometry, 125
Crop production, 432
Crosslinking, 228
Crystal growing, 222, 302(B)
Crystallography, 222, 326(L), 464(L)
Crystallography, computing, 344(B)

Dark field imaging, 516
Davy, Humphry, 14
Dental fillings, 232
Di-iodoacetylene, 107(L), 404(L)
Diamond Shamrock, 561
Disease, chemical diagnosis, 140(B)
DNA, 560(L)
Donor ligands, 330
Dow Chemical Company, 562
Drugs, 346(B), 384(B), 560(L)
Drug synthesis, 196(B)
Du Pont, 458(NR), 562
Dynamics of polymers, 70

Earl, John Campbell, 30(O)
Economic Development Council, 212(NR)
Education, 209(TP), 250(B), 338(CR), 501(TP)
Education, chemical, 130, 290, 456(TP), 472(TP), 553(TP)
Education, higher, 455(TP)
EEC directives, 213(NR), 402(NR)
Einstein, Albert, 114
Electrical resistance, measurement of corrosion, 110
Electricity, 239
Electrochemistry, 14, 211(P), 242(B), 259(B)
Electrodes, ion-selective, 304(B)
Electrolytes, 340(CR)
Electron diffraction, 516
Electron microscopy, 514
Electro-organic synthesis, 582(B)
Electron paramagnetic resonance, 513
Electrophoresis, 248(B)
Electron spin resonance, 344(B)
Electrostatic powder coating, 24
Emission standards, 478
Energy, 98(NR), 315(TP), 336, 340(CR)
Entropy, 168, 274(L), 406(L)
Environment, 196(B), 197(B), 302(B), 432, 574
Environmental chemistry, 342(B)
Environmental organisations, 574
Enzymes, 60, 304(B), 490(B)
Enzyme reactions, kinetics, 140(B)
Epoxy resins, 232
Evans, Wick Richardson, 31(O)
Excited states, 33(B)
Experimentation, chemical in extreme conditions, 140(B)
Explosions, thermal, 274(L)
Extended electron loss fine structure, 520
Extended x-ray absorption fine structure, 538
Eye proteins, 211(P)

Factory inspectorate, 186
Fast reactor, 467, 503(NR)
Fermentation, 94(TP), 304(B)
Fertiliser, 372
Filter paper contaminant, 57(L)
Fluidised bed systems, 26
Fluorescent spectroscopy, 278
Fluorine compounds, 33(B)
Food additives, 486(B)
Food chemistry, 346(B)
Food science, 384(B)
Foreman, James Kenneth, 579(O)
Forensic toxicology, 384(B)
Fossil proteins, 359(P)
Free radicals in biology, 82(B)
Frozen pensions, 334
Fume cupboards, 190, 196(B)
Furniture, 269(NR)

Gallium arsenide, 410
Gamma-crystallin, 211(P)
Gamma scanning, 126
Gas chemistry in nuclear reactors, 78(CR)
Gas-phase reactions, 490(B)
Gene synthesis, 341(CR)
Genetic engineering, 267(P)
Genklene solvent plants, 410
Geochemistry, 269(NR), 420
Giant Raman effect, 521
Godless chemistry, 57(L)
Growth, plants, 319(P)
Guildford, annual congress, 208(TP), 338(CR)

Hafod works, 371
Hamer, Frances Mary, 31(O)
Haptens, 62
Hazardous substances, early warning, 158(NR)
Hazardous wastes, 500(TP)
Health and Safety at Work Act, 186
Health and Safety Executive, 272(NR), 477
Helium induced spectra, 512
Herpes cure, 396(P)
Heterocycles, inorganic, 330
Heterocyclic chemistry, 140(B), 486(B)
Heterogeneous catalysis, 384(B), 514
High resolution electron microscopy, 516
Hoffman–La Roche, 213(NR)
Hydrogen as a fuel, 342(B)
Hydrogen sulphide, 513

ICI, 458(NR)
Image of chemistry, 341(CR)
Immunoassay, 62
Industrial organic chemicals, 34(B), 344(B)
Inelastic electron tunnelling spectroscopy, 521
Inelastic neutron scattering, 511, 524
Inorganic biochemistry, 540(B)
Inorganic chemistry, 490(B)
Inorganic heterocycles, 330
Inositol phosphates, 36(B)
Insurance, 314(TP)
Irradiation, 228
Ischaemia, 374
Isotopes, 250(B), 555(NR)
IUPAC, 394(TP)

Jablonski diagram, 278
Jargon 152 (TP), 320(L)
Jobs, 290, 276(L), 334, 357(TP), 404(L)
Johnson Matthey, 48(NR), 504(NR)

Keshan disease, 96(P)
Kidney beans, 359(P)
Kinetics, fast reactions, 296
Kinetic theory of gases, 114
Kukk, Jüri, 484(O)

Laboratory safety, 186
Language of chemistry, 36(B)
Lankro chemicals, 562
Lanthanides, 339(CR)
Lead, 3(TP), 420
Lewis acid–base concepts, 36(B), 533
Ligand conduction, 16
Ligands, 330
Liquefaction, coal, 320(NR)
Liquid crystals, 196(B), 318(P)
Loss prevention in the process industries, 82(B)
Low energy electron diffraction, 516, 538
Luminescence, 279

MacRobert Award, 48(NR)
Macromolecular chemistry, 250(B)
Magnetism, electronic structure inorganic compounds, 302(B)

Mammoth–St Anthony mine, 420
Management training, 368(L)
Marketing, chemicals, 472, 561
Matrix problems, 339(CR)
Medicine, use of nmr in, 376
Membership, RSC, 368(L)
Metal complexes, 330, 582(B)
Metal ion complexing, thermodynamics, 339(CR)
Methylene blue, 326(L), 508(L)
Microanalysis, organic, 248(B)
Microcomputers, 122
Microprocessor, 296
Microsomes, 384(B)
Mildred Cohn, 248(B)
Minerals, 420
Molecular films, 502(P)
Molybdenum chemistry, biological, 486(B)
Motor industry, 457(P)
Multi bonding, metal, 97(P), 399(CR)
Multinational company, 561

National Economic Development Council, 98(NR), 159(NR), 212(NR), 361(NR), 399(NR) 504(NR)
National recovery, 408
National Research Development Corporation, 320(NR), 503(NR)
Natta, Guillio, 298
NEDC, 98(NR), 159(NR), 212(NR), 361(NR), 399(NR), 504(NR)
Neurotransmitter, 34(B)
Nitrate decomposition, 13(L)
Nitration, aromatic, 304(B)
Nitric oxide, 512
Nitrostyrol absorption, 57(L)
Nobel prize winners, 1981, 552
Non-proliferation, nuclear, 468
Nopco Chemicals, 562
North Sea gas, 500(TP)
NRDC, 320(NR), 503(NR)
Nuclear magnetic resonance, 304(B), 318(P), 374
Nuclear microprobe, 125
Nuclear reactor, 78(CR), 466
Nucleoside analogues, applications, 250(B)
Nutrition, 384(B)

Occupational health, institute, 320(NR)
Off-specular measurements, 529
Oil pollution, 263(TP), 278, 319(P), 404(L)
Organic and coordination chemistry, 78(CR)
Organic functional group, 441(B)
Organic synthesis, 540
Organometallic chemistry, 80(B), 582(B)
Organophosphorus chemistry, 248(B), 304(B)
Ostwald ripening, 538
Oxidative phosphorylation, 14
Oxo process, LP, 321(NR)
Oxygen adsorption, 513

Patents, 504(NR)
Penicillin, 250(B)
Pensions, 334
Perchlorates, explosions, 560(L)
Perfumes, 398(NR)
Pesticides, 252(B), 430
Pest management, 430, 580(B)
Petrocarbon, 360(NR)
Petrol formation, 156(P)
Petroleum, chemistry and technology,
Pharmaceutical industry, 399(NR)
Phosphorus heterocyclic chemistry, 490(B)
Phosphorus nmr, 374
Photoacoustics, 304(B)
Photochemistry, 228, 248(B), 252(B), 582(B)
Photochromic compounds, 318(P)
Photocompetition, 315(TP)
Photoelectron spectroscopy, 510
Photoionisation cross-section, 513
Photopolymer systems, 228
Photoresists, 232
Platinum, 529, 536
Plutonium, 396(P), 466
Polarisation resistance, 110
Pollution, 196(B), 263(TP), 278, 319(P), 404(L), 477
Polyethylene, conductive, 266(P)
Polymer chains, structure, 582(B)
Polymers, 70, 582(B)
Polymer science, biomedical and dental applications, 490(B)
Population trends, 430
Powder coating, 24
Priestley conference, BOC, 580(B)
Printing inks, 232
Printing plates, 232
Professional chemists, 338(CR)
Professionalism, 192
Propiophenone, 56(L)
Prostacyclin, 396(P)
Protecting groups, 341(CR)
Proteins, 211(P), 359(P)
Pruteen, 48(NR)
Publication, problems, 136

Questions, presentations, 326(L)

Radiochemical centre, 212(NR) 360(NR)
Radiochemistry and inorganic chemistry, advances, 80(B)
Raman spectroscopy, 521
Recruitment of chemists, 46(TP), 290, 472
Reflection absorption–infrared spectroscopy, 524
Research Octane Number, 536
Resin systems, photocross linkable, 230
Rice production, 432
Royal Institute of Chemistry, 194
Royal Institution, proceedings, 302(B)
Royal Society, 318(P)

Safety, 314(TP), 464(L)
Safety electrical, 239
Safety, laboratory, 186
Safety officers, 239
Safety, product, 501(TP)
Salaries, 236
Scanning transmission electron microscopy, 514, 517, 538
Scientism as magic, 57(L)
Shamrock Oil and Gas Corporation, 562
Semiochemicals, 580(B)
SERC, 268(NR) 503(NR), 554(NR)
Shape selective catalysis, 535
Sheffield stereochemistry, 382(CR)
Silanes, 156(P)
Sintering, 537
Smelting, 369
Smoke, 371
Soil trace elements, 302(B)
Solar converters, 97(P)
Solar energy, 56(L)
Spanish oil, 502(P)
Speciality chemicals, 361(NR), 561
Spectroscopic techniques, 82(B)
Spot test analysis, organic, 250(B)
Spray guns, 25
Science and Engineering Research Council, 268(NR), 503(NR), 554(NR)
Science Research Council, 28
Statistical mechanics, 174
Stereochemistry, 78(CR), 382(CR)
Stereochemistry, shapes, 342(B)
Stokes–Einstein equation, 70
Structure and bonding, chemical, 250(B)
Subjectivity, thermodynamics, 168, 274(L), 406(L)
Sulphides, mineral, 420
Sulphur dioxide, 372
Surface chemistry, 384(B), 510
Surface coatings, 232
Surface tension, 379
Swansea, 369
Symposia, 328(L)
Synchronous excitation fluorescence, 279
Synthetic methods, 140(B)

Technologies, new, 408
Thermal cycle, nuclear, 466
Thermochemical data, industrial use, 82(B)
Thermodynamics, 168, 274(L), 406(L)
Thermodynamic measurements, electrolytes, 340(CR)
Thermodynamics, metal ion complexing, 339(CR)
Thermodynamics of colloids, 380
Thiophenes, 457(P)
Third world chemistry, 94(TP)
o-Tolidine, 106(L)
p-Toluenesulphonyl azide, 106(L)
Topical magnetic resonance, 375
Toxicity screening, 210(TP)
Toxicology, 441(B), 502(P)
Trace analysis, statistical theory and methodology, 80(B)
Training for industry, 473
Transition elements, 339(CR)
Translation, French and German, 566
Transmission electron microscopy, 514, 538
Transmission microscopy, 32(B)
Transmission infrared spectroscopy, 524
Tree allergy, 56(L)

UGC cuts, 209(TP), 358(TP), 508(L)
UK Atomic Energy Authority, 212(NR), 468
UKCIS, 220(L)
Ultraviolet photoelectron spectroscopy, 511
Unit processes, 36(B)
Urey, Harold Clayton, 383(O)

V(II) oxalate complexes, 276(L)
Vepesid, 457(P)
Vibrational spectroscopy, 521
Vinyl cations, 34(B)
Vitamin D, 397(P)

Warren, Frank Louis, 579
Waste recovery, 96(P)
Watson, H. E., 240(O)
Williams, R. T. 240(O)
Wines, analysis, 80(B)

X-ray analysis, organic structures, 441(B)
X-ray crystallography, 222
X-ray photospectroscopy, 510, 538

Z-contrast, 514, 538
Zeolites, 521, 532
Ziegler catalyst, 300
ZSM-5 zeolite, 516, 521, 532, 535

Author

Bamford, C. H., 298
Barb, W. G., 566
Barratt, R. S., 477
Britton, C. F., 108

Carey, Sir Peter, 408
Cavanagh, H., 186
Chadwick, Richard, 369
Chesters, M. A., 521
Cross, Jean, 24

Daniels, V., 58
Davies, Martin, 296
Denbigh, Kenneth, 168
Devia, D. H., 296

Egerton, R. F., 514
Everett, D. H., 377

Fenby, David, V., 114

Green, G. E., 228

Haiduc, Ionel, 330
Hanley, Peter, 374
Hartley, Sir Frank, 192
Howell, David, 336
Huddleston, J., 122

Jefferson, D. A., 514
John, Phillip, 278
Johnstone, A. H., 130
Jones, P. G., 222

Marmion, William, 290
Marshall, Geoffrey, 239
Marshall, Walter, 466

Miller, J. N., 62
Mitchell, Peter, 14

Newton, D. A., 122

Oakland, John, S., 430

Paul, R. C., 574
Pierce, T. B., 122
Pethrick, R. A., 70
Pugh, David, 70

Roberts, M. Wyn, 510

Sheppard, N., 521
Smith, Lawrence, 472
Soutar, Ian, 278
Stark, B. P., 228

Tennison, S. R., 536
Thomas, J. M., 514
Trotman-Dickenson, A. F., 236
Trotman-Dickenson. D. I., 236
Turgoose, S., 420
Tyson, Julian, 28

Vann, John C., 334

Whan, David A., 532
Williams, I. A., 532
Williams, P. A., 420
Willing, Ernest, 290
Winn, E. B., 561